

Amendments to the Claims

This listing of claims will replace all prior versions, and listings, of claims in the application.

Listing of Claims:

1. (Currently Amended) A printing machine, comprising:
 - a plate cylinder having a printing plate mounted on a periphery thereof;
 - an image recorder ~~storing~~ recording image data and performing platemaking on the printing plate by using the image data;
 - a plurality of ink keys installed in a row located axially to the plate cylinder;
 - a plurality of key control switches corresponding to the plurality of ink keys for adjusting opening degrees of the respective ink key;
 - a printing unit for printing a pattern of a print on printing paper to produce the print by transferring an ink fed to the printing plate onto the printing paper while transporting the printing paper in a predetermined printing direction, and discharging the produced print;
 - a color density measuring unit for measuring color density of the produced print discharged from the printing unit;
 - an ink key opening degree adjusting unit for controlling ink feeding rates by adjusting the opening degrees of each of the ink keys based on the color density of the produced print;
 - a touch sensitive control panel for adjusting the opening degrees of each of the respective ink keys; and
 - a control unit for displaying images of the plurality of key control switches on the touch sensitive control panel, and superimposing an image of the pattern of the produced print on the

images of the plurality of key control switches on the touch sensitive control panel by using the image data,

wherein the printing unit produces a print by sequentially transferring inks of a plurality of colors to the printing paper,

the plurality of key operation switches are a collection of key control switches individually arranged in each area of a plurality of areas corresponding to the ink keys, and for each of the ink colors, and

the control unit displays images of the plurality of key control switches corresponding to the collection of key control switches are arranged two dimensionally, the images of the plurality of key control switches corresponding to the same ink key area are arranged in a first direction, and the images of the plurality of key control switches corresponding to the ink keys feeding the same ink are arranged in a second direction orthogonal to the first direction on the touch sensitive control panel.

2. (Original) A printing machine as defined in claim 1, wherein said key control switches are displayed as superimposed on the image of said print being processed, by transmitting said key control switches through the image of said print.

3. (Previously Presented) A printing machine for controlling ink feeding rates by adjusting opening degrees of a plurality of ink keys arranged in a direction perpendicular to a printing direction, based on color density of a print measured by a color density measuring unit, said printing machine comprising:

a touch sensitive control panel for adjusting the opening degrees of said ink keys;

an image memory for storing an image of said print being processed; and

a control unit for displaying, in superimposition on said control panel, key control switches for adjusting the opening degrees of said ink keys, the color density of said print measured by said color density measuring unit, and the image of said print being processed.

4. (Previously Presented) A printing machine as defined in claim 3, wherein said key control switches and the color density of said print measured by said color density measuring unit are displayed as superimposed on the image of said print being processed, by transmitting said key control switches and said color density through the image of said print.

5. (Cancelled)